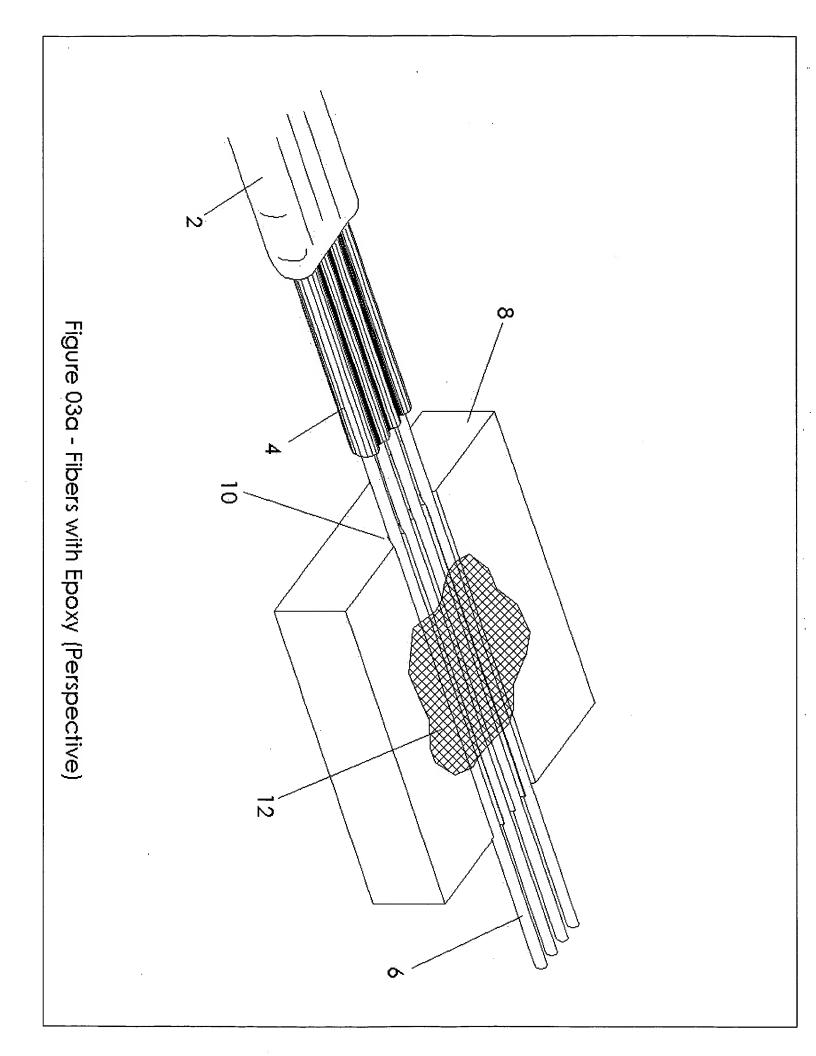
Figure 01 - Parallel Optical Fiber

Figure 02a - Silicon V-Groove Chip (Perspective)

Figure 02b - Silicon V-Groove Chip (Front)



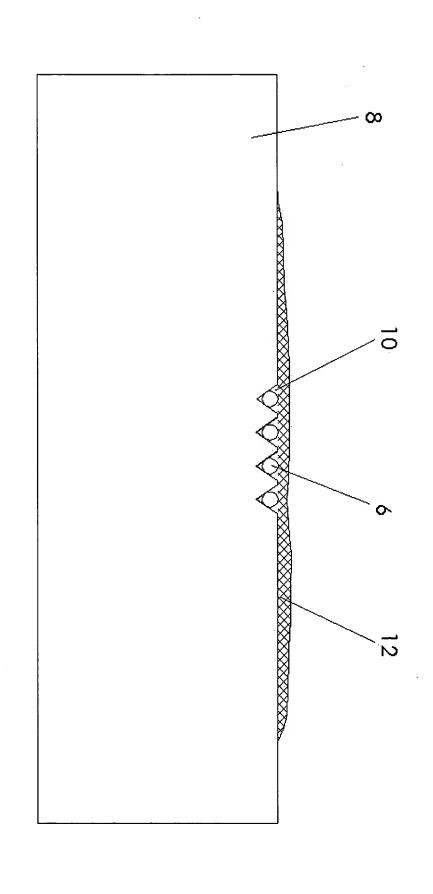


Figure 03b - Fibers with Epoxy (Front)

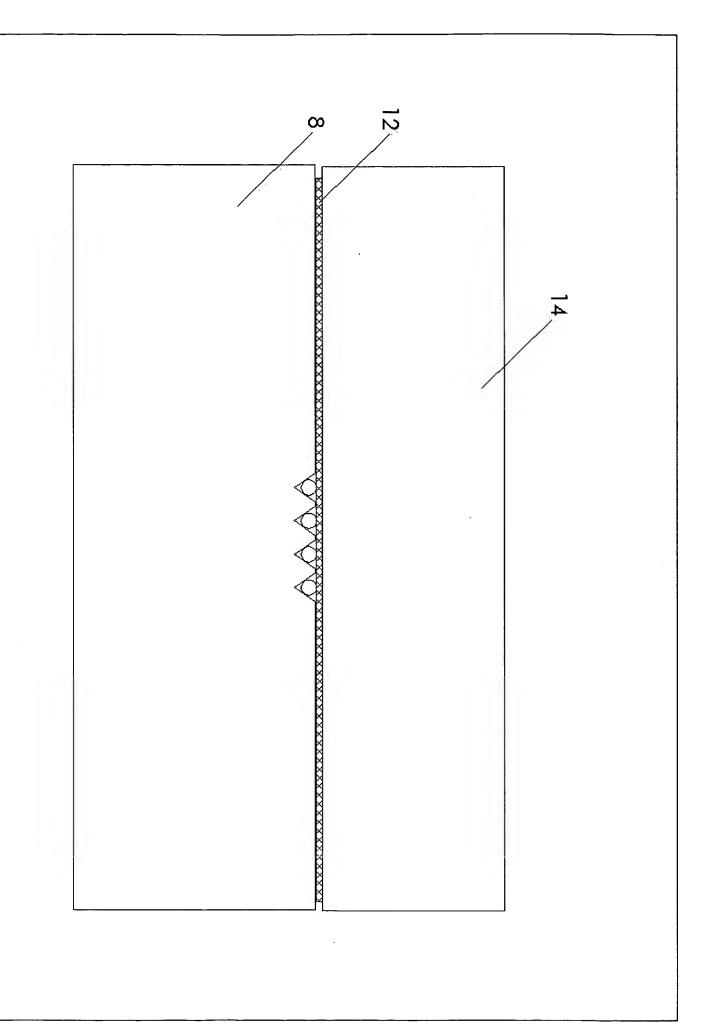
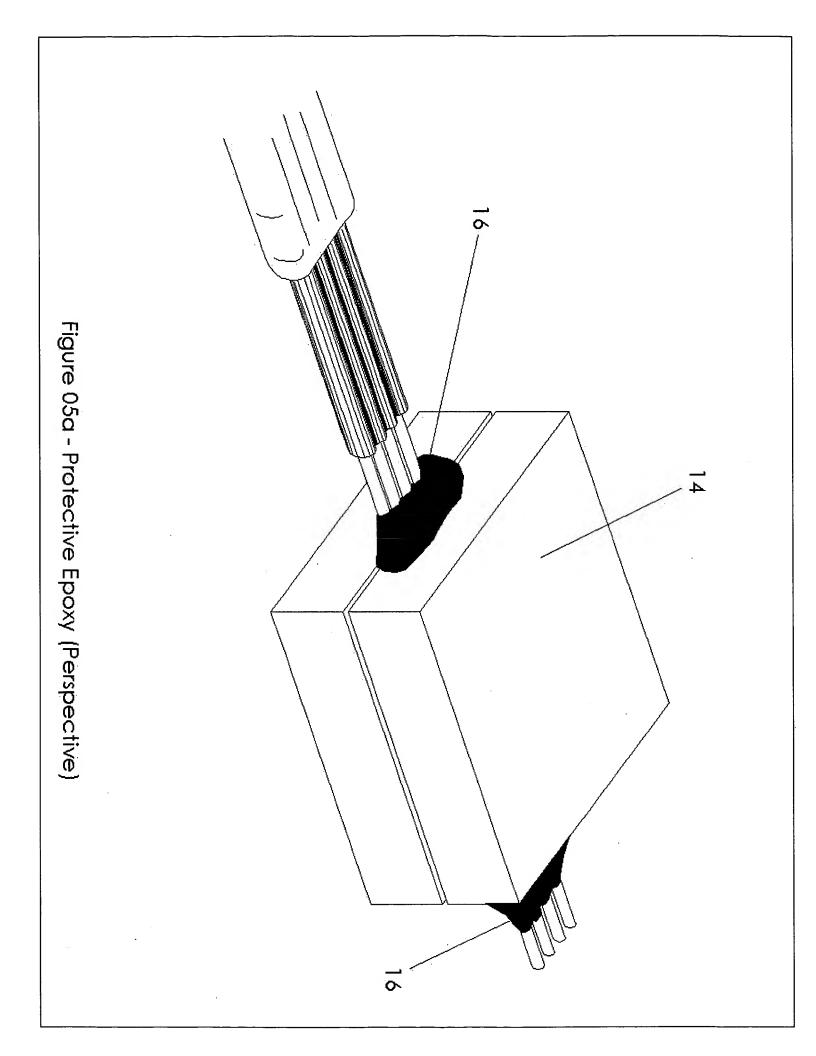
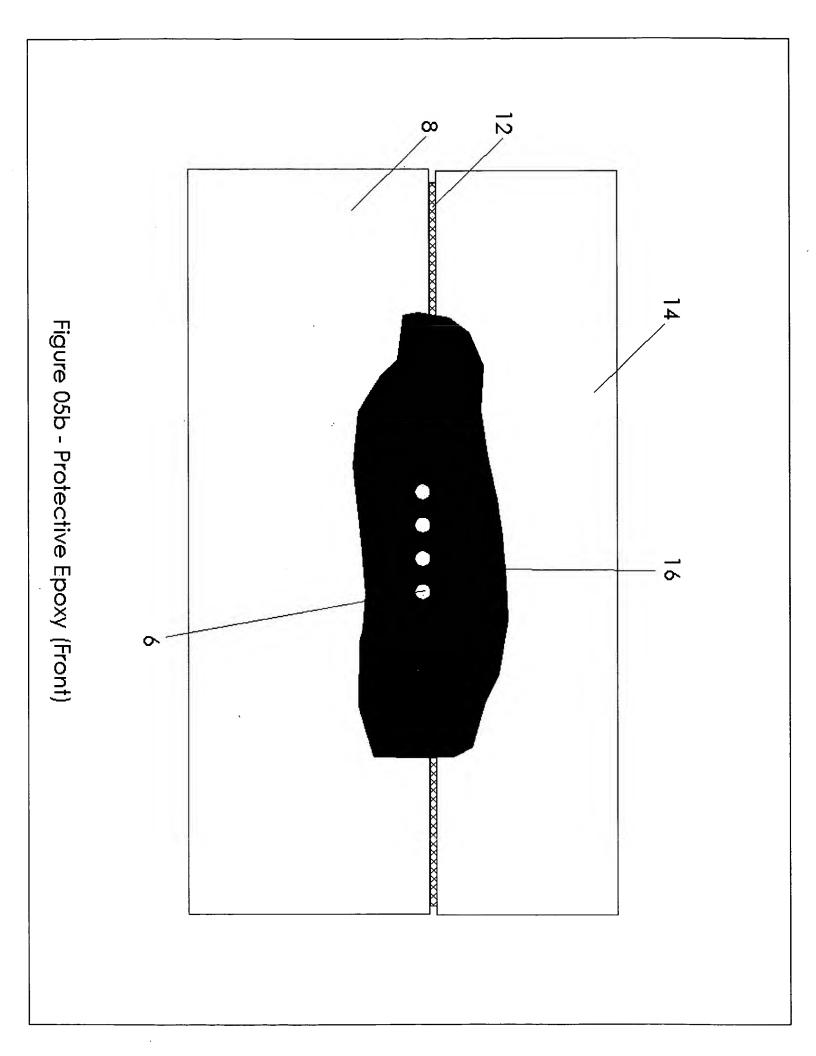


Figure 04b - Cover Plate (glass) (Front)





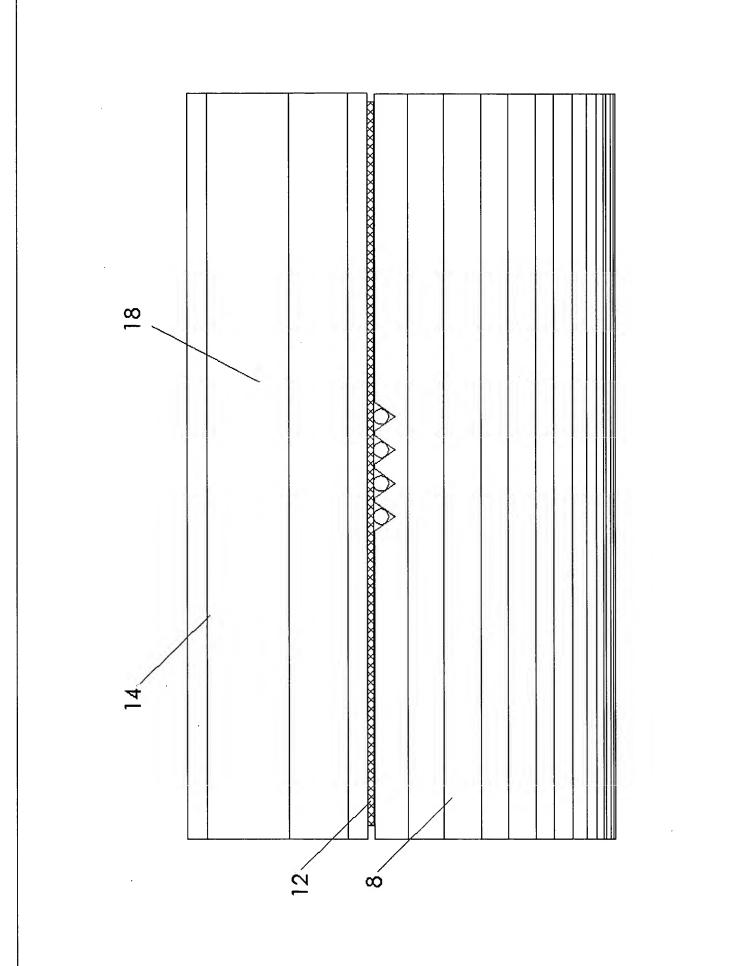


Figure 06b - Bevel (Front)

Figure 07a - Cover Plate Removal (Perspective)

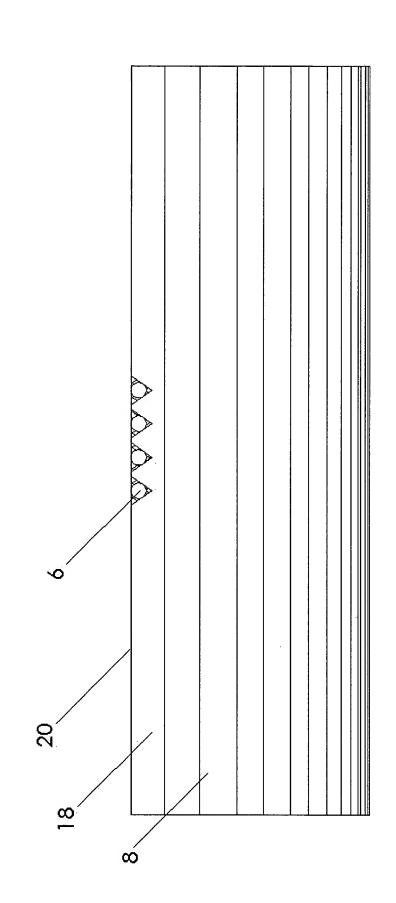


Figure 07b - Cover Plate Removal (Front)

Figure 08 - Completed Connector (to Scale Side View)

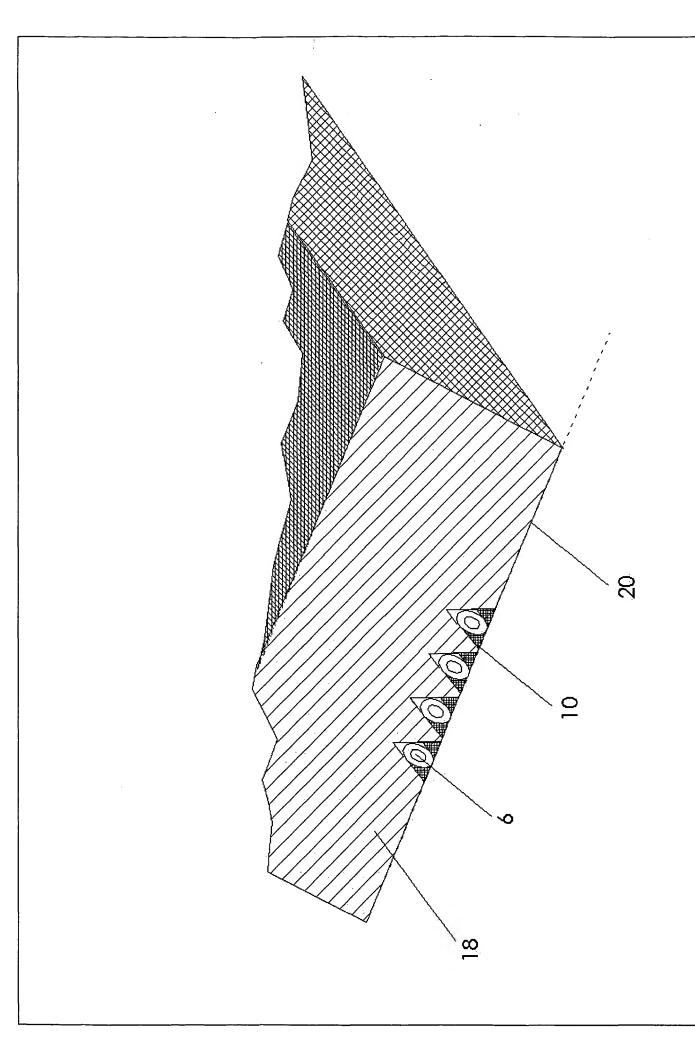


Figure 09a - Perfect Polish (Perspective of Front)

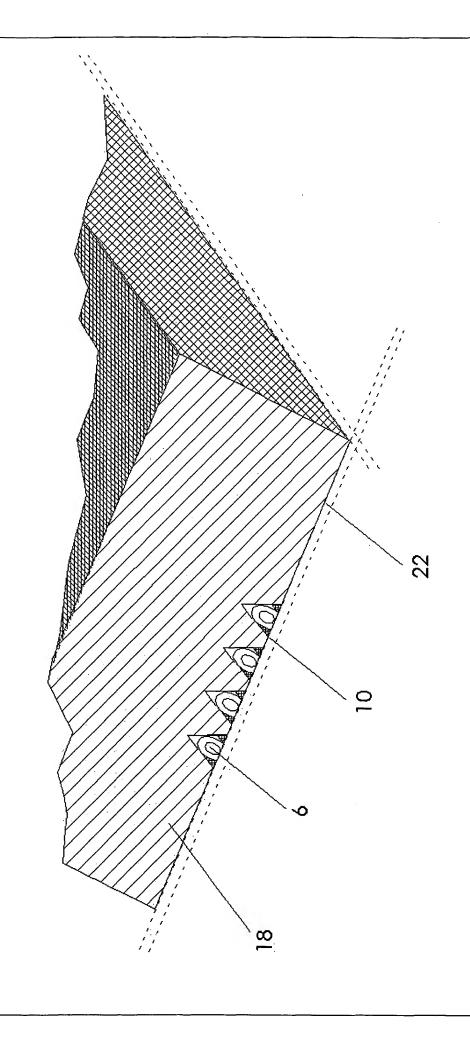
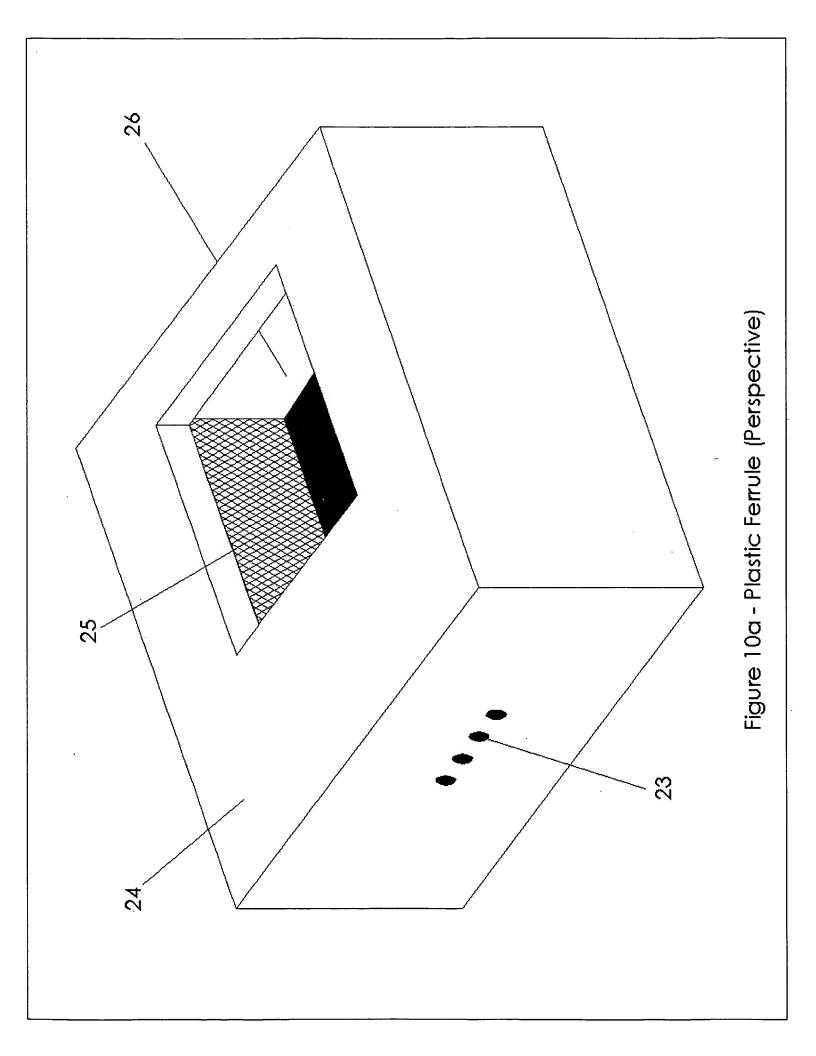


Figure 09b - Over Polished (Perspective of Front)



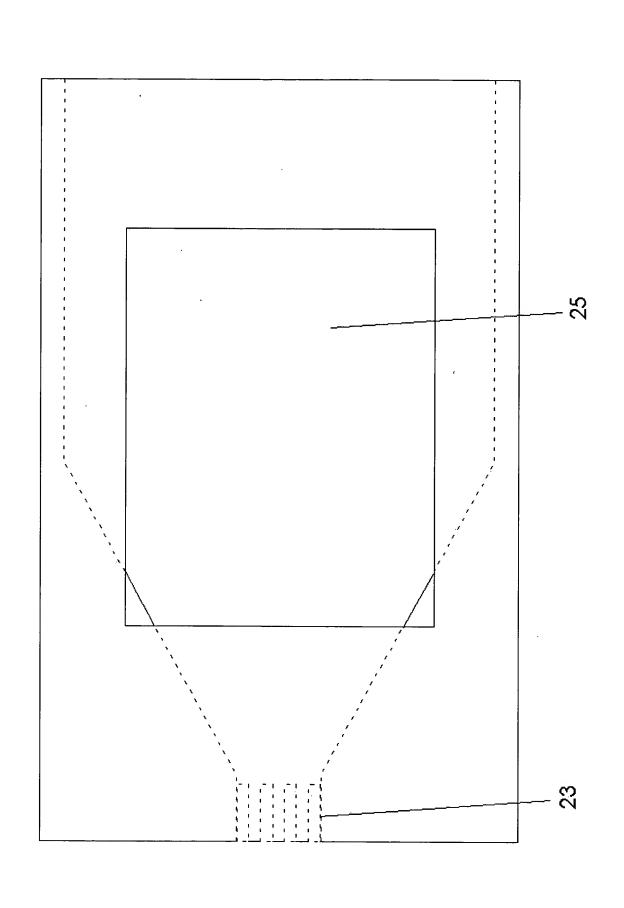


Figure 10b - Plastic Ferrule (Top)

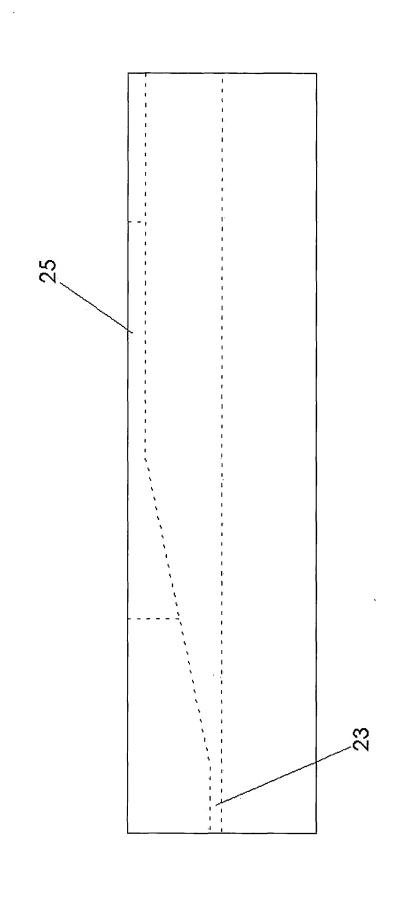


Figure 10c - Plastic Ferrule (Side)

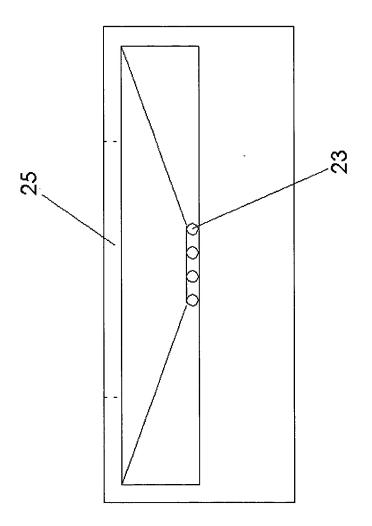
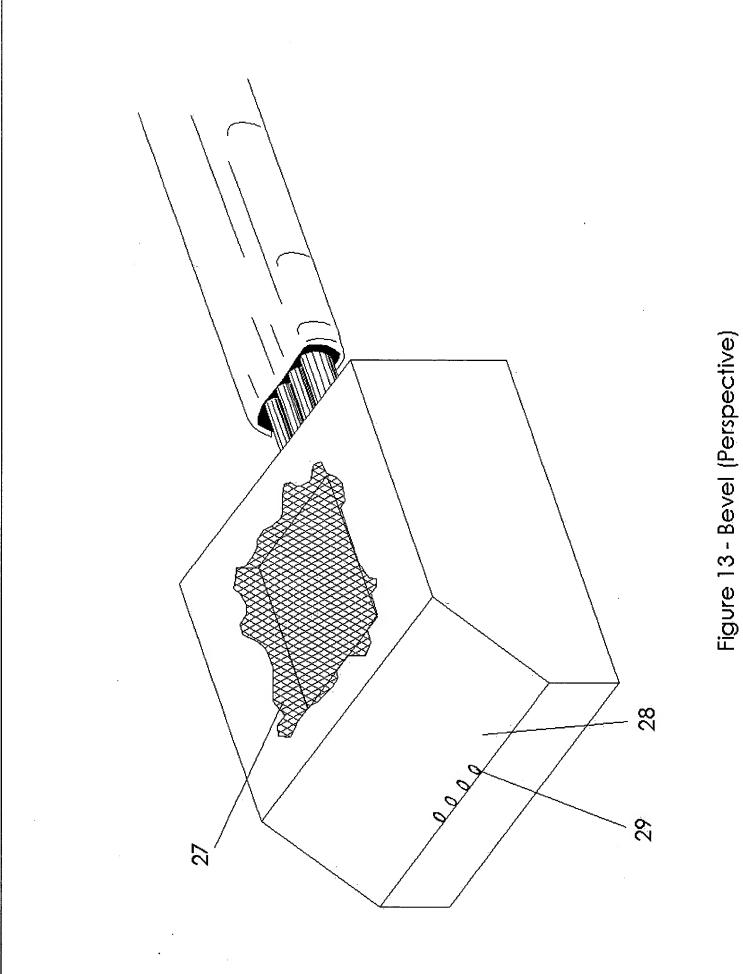


Figure 10d - Plastic Ferrule (Back)

Figure 11 - Fibers in Ferrule (Perspective)

Figure 12- Epoxy Filled Cavity (Perspective)



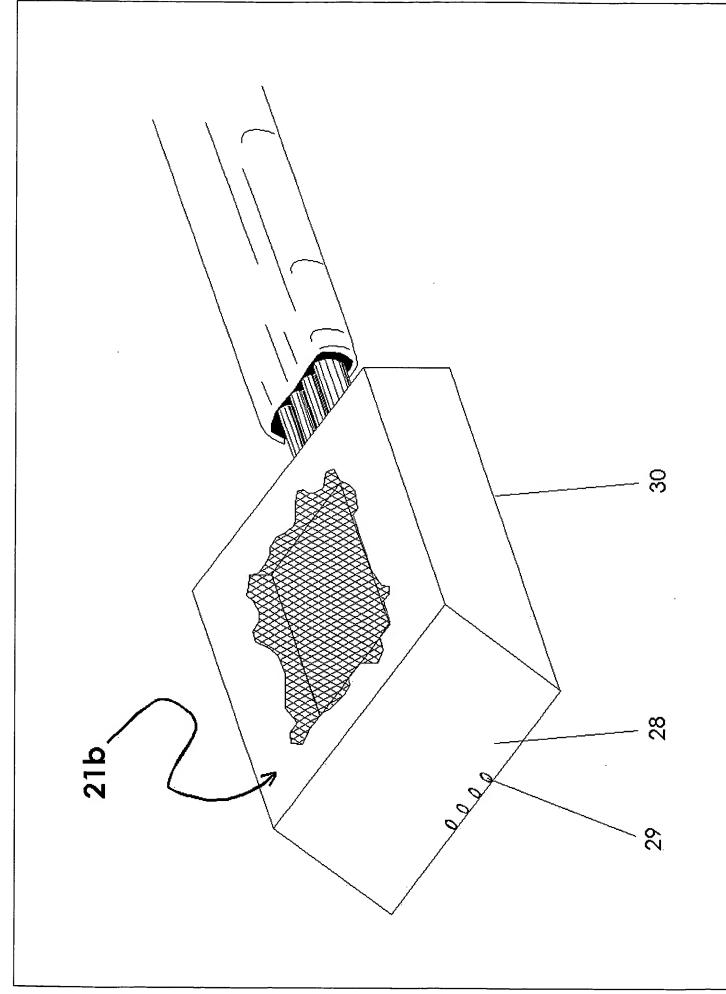
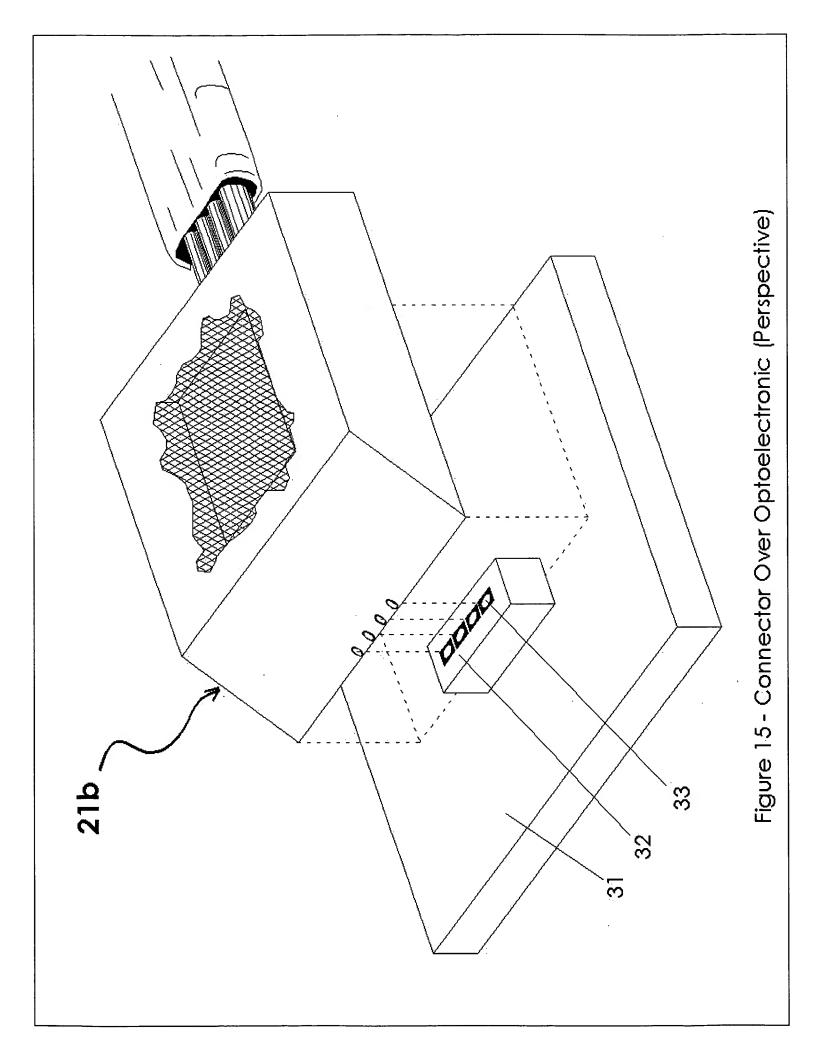
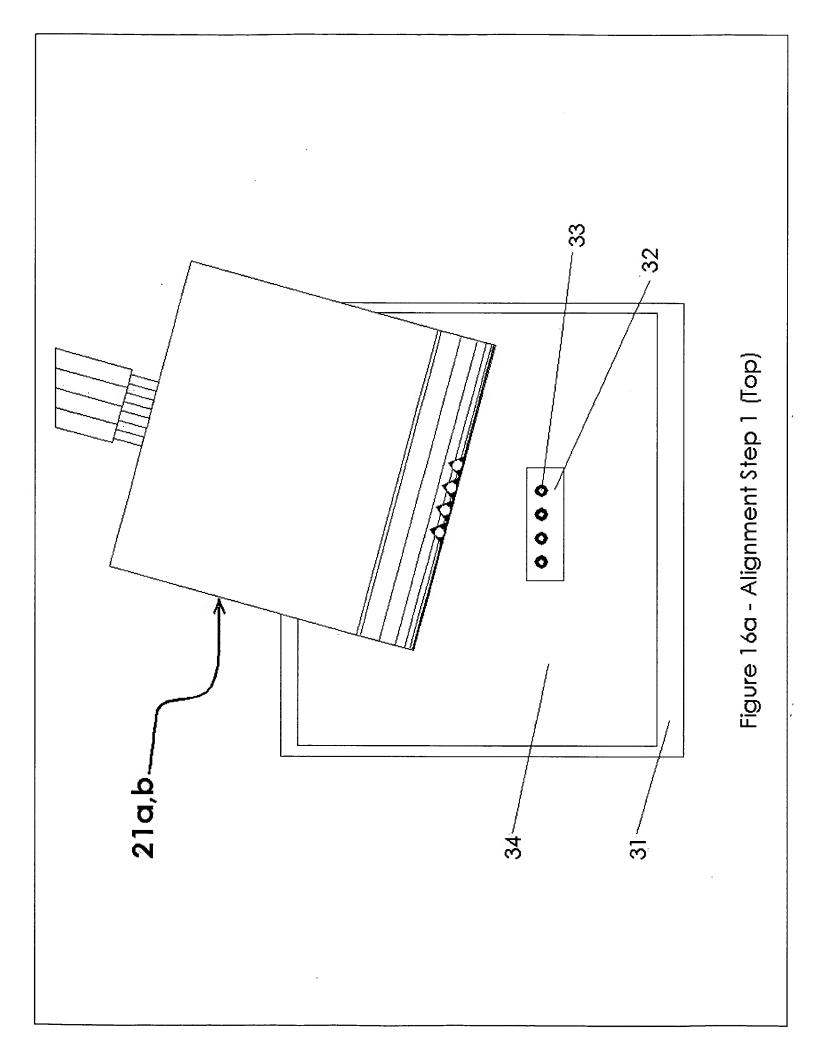


Figure 14 - Flat Polished (Perspective)





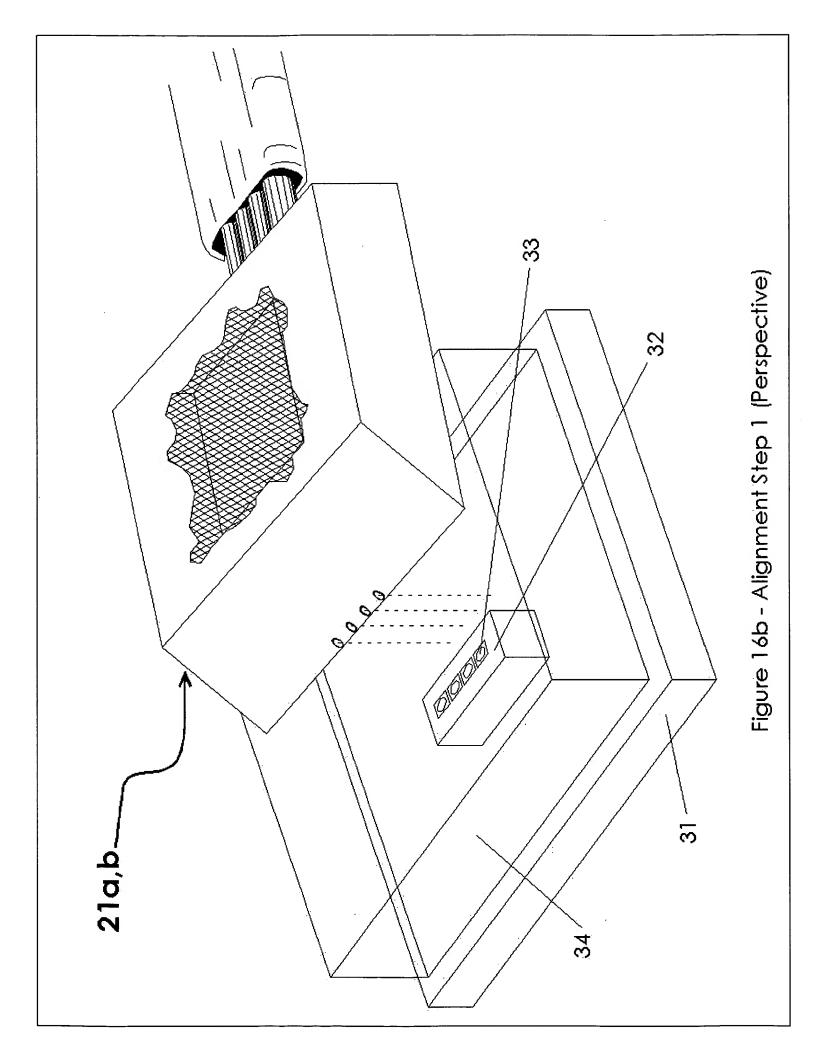
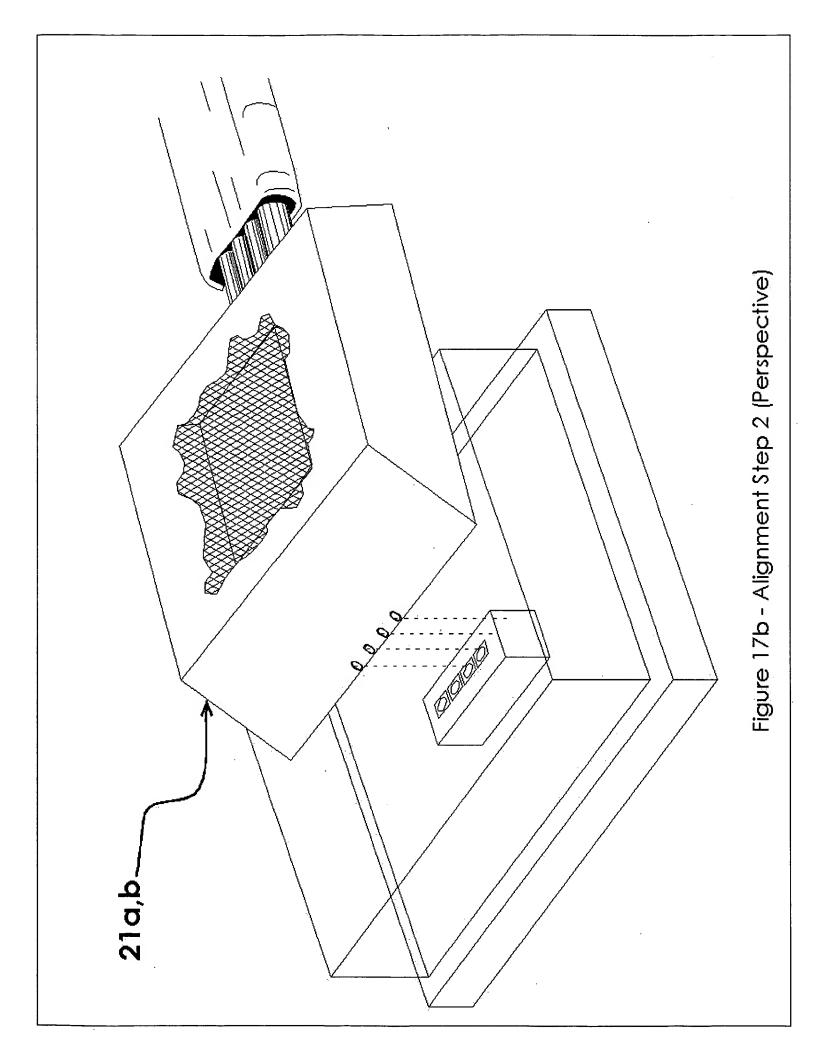
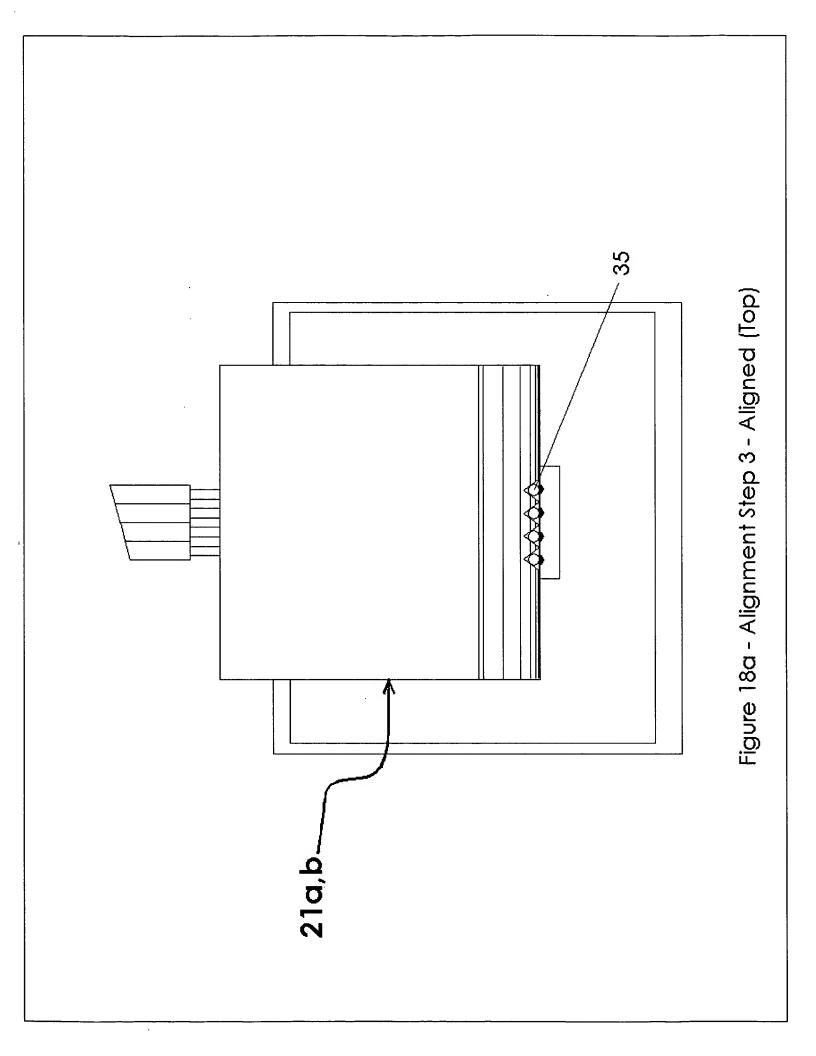
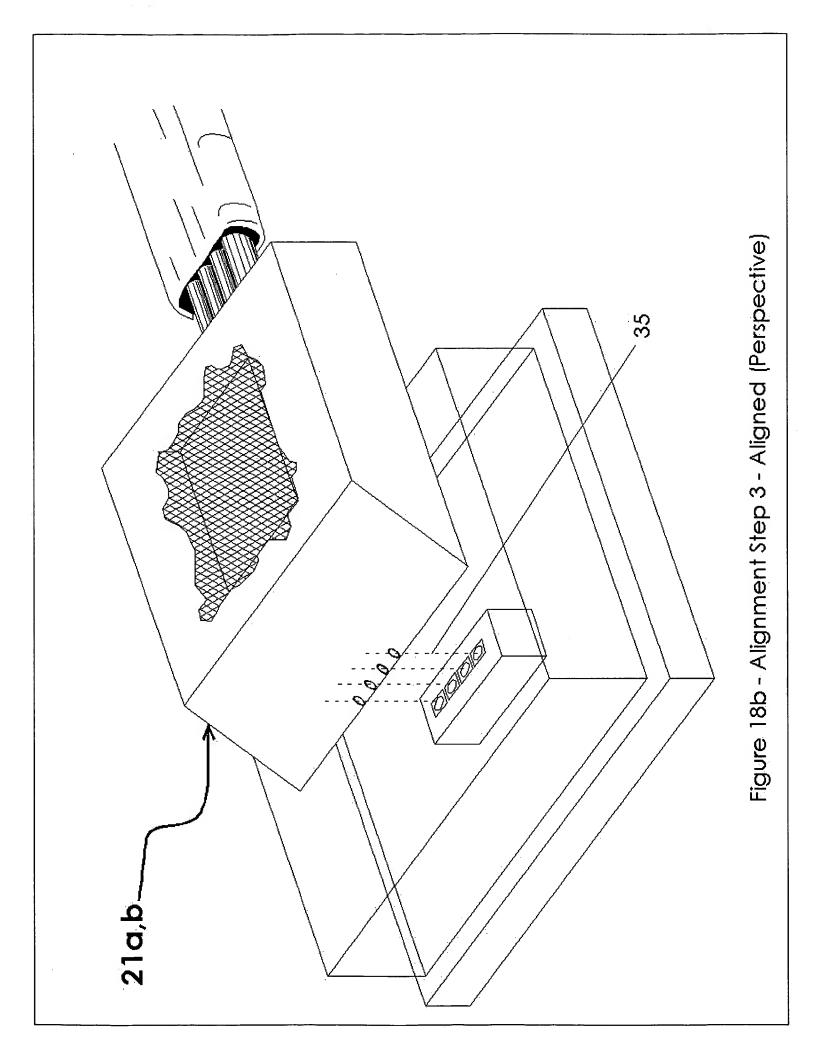


Figure 17a - Alignment Step 2 (Top)







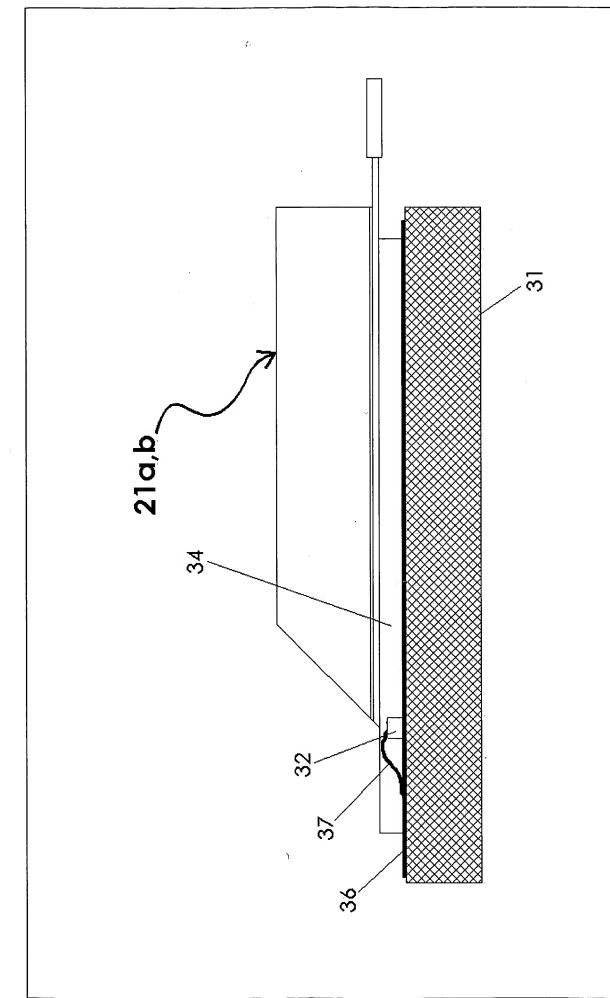
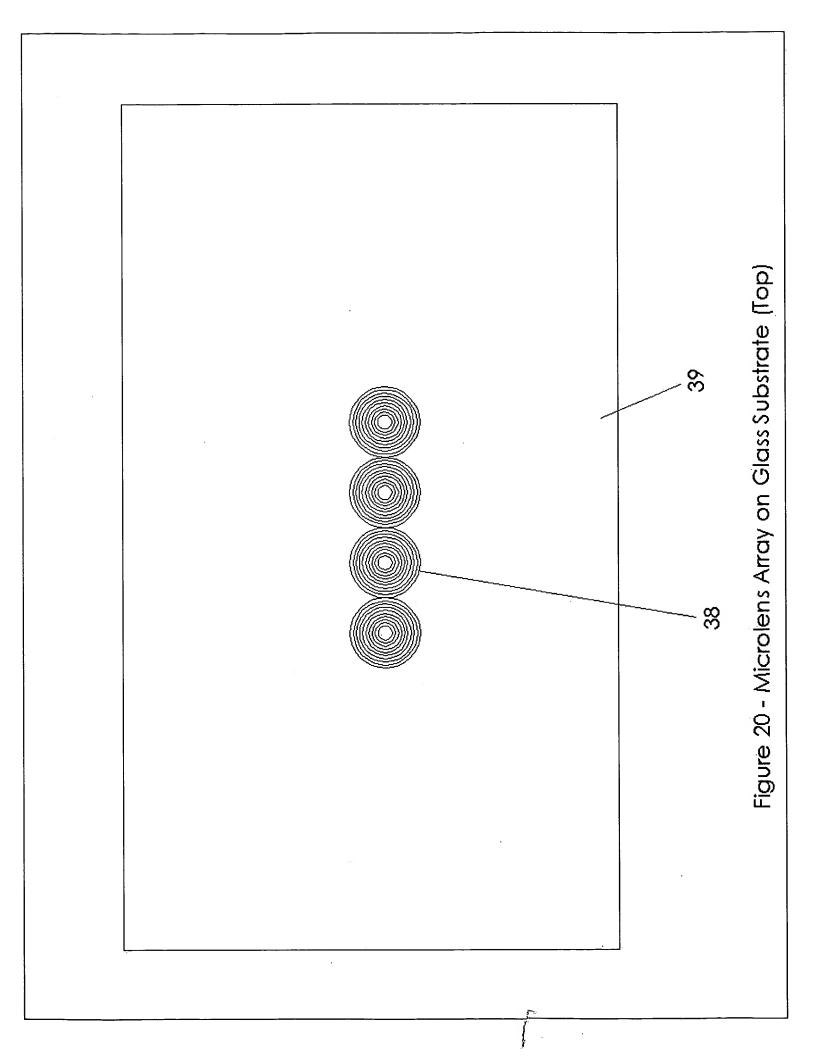


Figure 19 - Aligned Connector Over Optoelectronic (To Scale Side View)



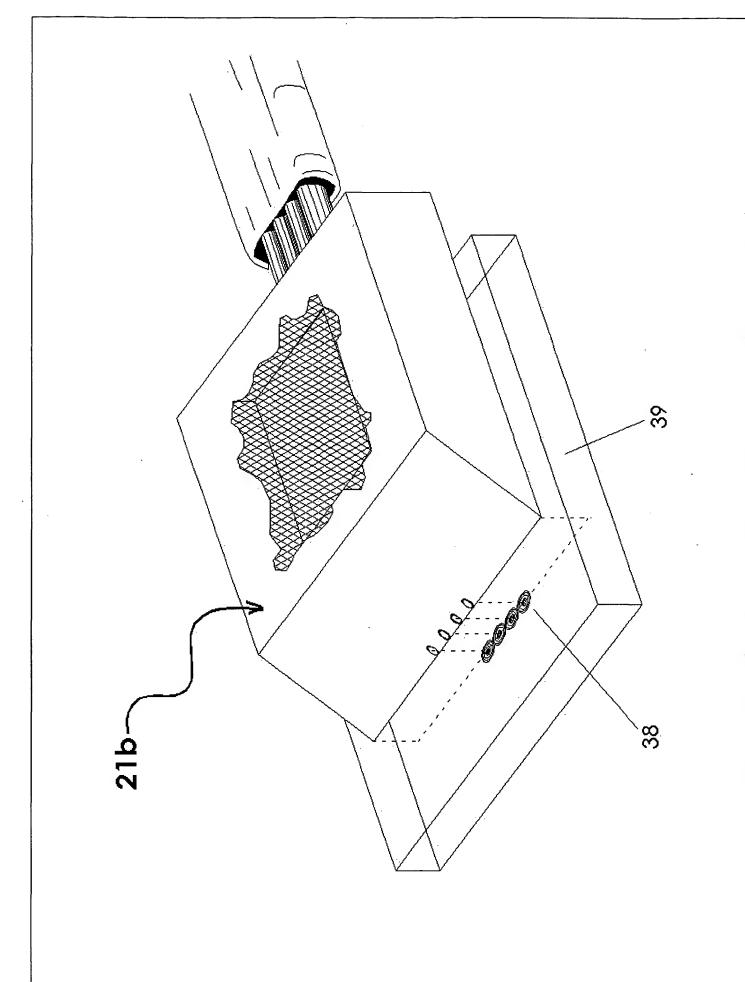


Figure 21 - Connector Over Microlenses (Perspective)

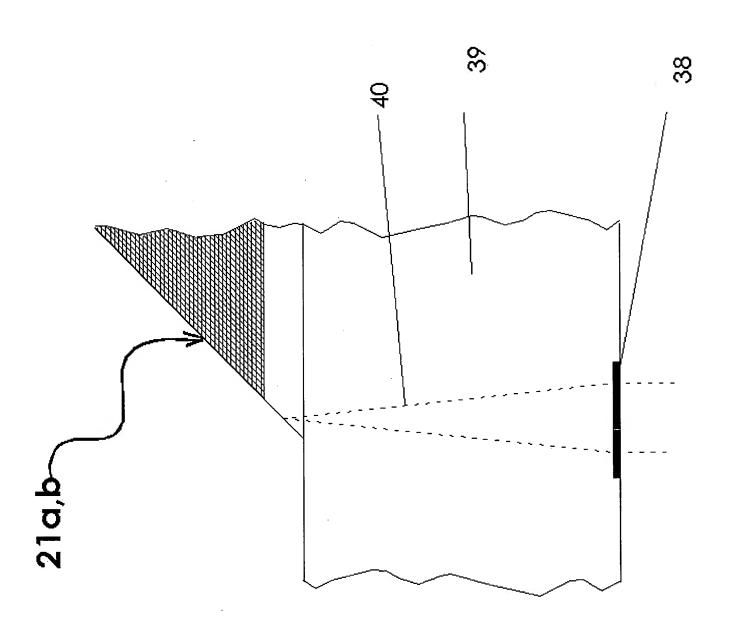


Figure 22a - Aligned Connector Over Microlens (Zoom-In Side View)

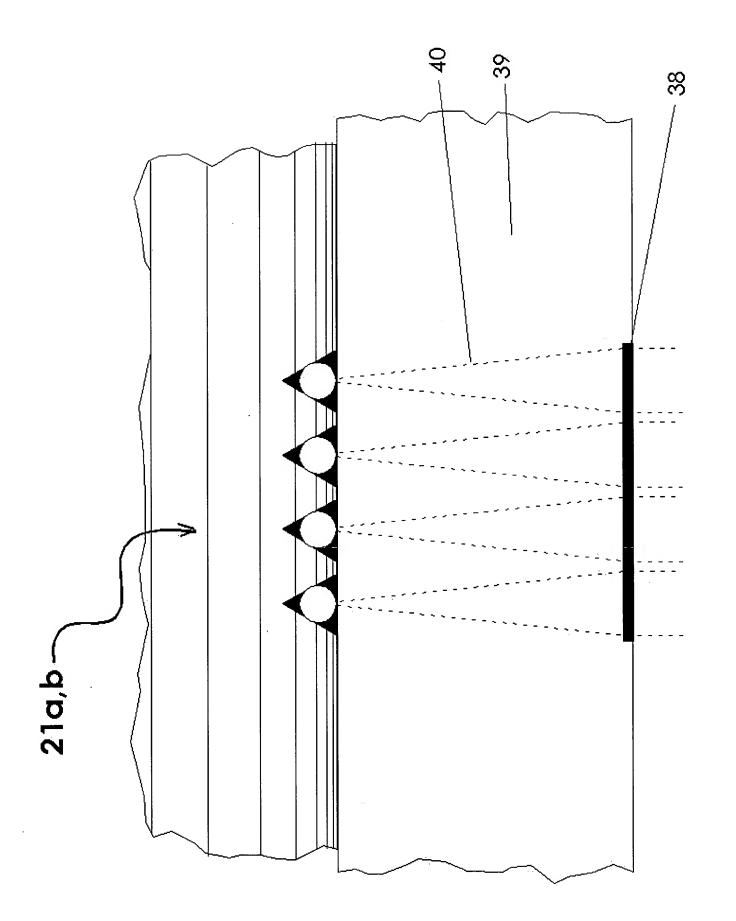


Figure 22b - Aligned Connector Over Microlens (Zoom-In Front View)

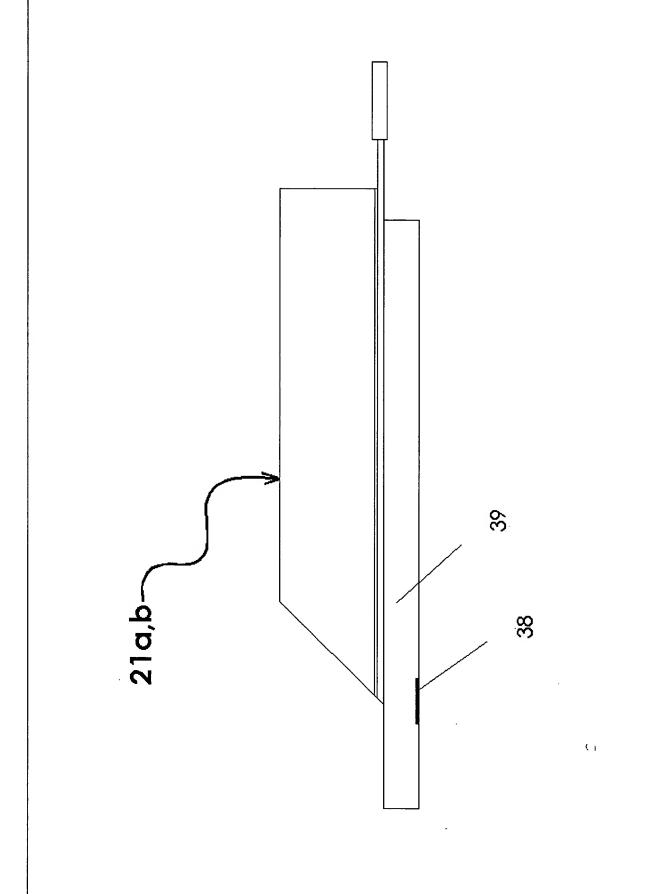


Figure 23 - Aligned Connector Over Microlens (To Scale Side View)